

Converting Colors

`RYB(121, 199, 235)`

Have a look what the booklet for
RYB(121, 199, 235) contains.

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Color

R_YB(121, 199, 235)

Conversions

Conversions Part 1

Format	Color
Hex	79EBAE
RGB	121, 235, 174
RGB Percent	47%, 92%, 68%
CMY	0.5255, 0.0784, 0.3192
CMYK	0.49, 0.00, 0.26, 0.08
HSL	148°, 74%, 70%
HSV	148°, 49%, 92%
XYZ	45.1960, 66.5226, 50.3062
YIQ	193.9600, -48.3630, -43.1390

Conversions

Conversions Part 2

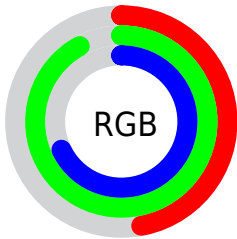
Format	Color
RYB	121, 199, 235
Decimal	7990190
CIELab	85.26, -46.21, 19.98
CIElCh	85, 50.345, 156.623
Yxy	66.5226, 0.2789, 0.4106
Android (android.graphics.Color)	4286180270 (0xFF79EBAE)
YUV	193.9600, -9.8403, -63.9859
Hunter-Lab	81.5614, -43.8194, 20.5236

Details

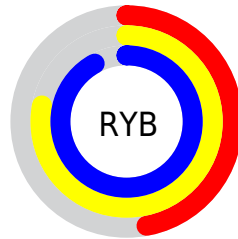
The RYB color **121, 199, 235** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **235, 121, 182**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **179, 224, 255**, and **61, 138, 178** is the 20% darker color. If you saturate the color by 10%, you get **98, 192, 235**, and if you desaturate by 10%, it is **145, 207, 235**.

Distribution



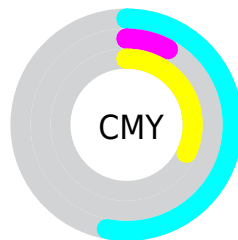
- Red (47%)
- Green (92%)
- Blue (68%)



- Red (47%)
- Yellow (78%)
- Blue (92%)



- Cyan (49%)
- Magenta (0%)
- Yellow (26%)
- Black (8%)




- Cyan (53%)
- Magenta (8%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 199, 235 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 121, 199, 235 by changing the saturation by 10% instead.


 121, 199, 235


255, 255, 255


 179, 225, 255


 208, 232, 255

 238, 247, 255


 121, 199, 235

 92, 169, 206

 61, 138, 178

 21, 103, 151

 0, 79, 125


 0, 66, 99


 0, 54, 74


 0, 47, 50

 0, 27, 27


 0, 0, 0

 121, 199, 235


 121, 199, 235

 98, 192, 235


 145, 207, 235

 74, 184, 235

 168, 214, 235

 51, 177, 235


 192, 221, 235

 27, 169, 235

 215, 229, 235

 4, 162, 235

 238, 235, 237

 0, 161, 235

 255, 235, 250

 255, 235, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



134, 227, 179



121, 199, 235



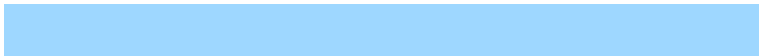
4, 125, 238

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



121, 199, 235



158, 194, 255



255, 189, 159

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



121, 199, 235



235, 121, 182

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 175, 204



121, 199, 235



232, 197, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



121, 199, 235



46, 143, 255



255, 181, 252



231, 255, 126

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



121, 199, 235



0, 123, 254



255, 181, 252



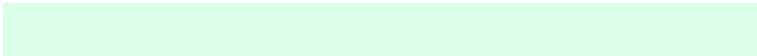
255, 178, 173

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



121, 199, 235



217, 243, 255



121, 235, 172



105, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



121, 199, 235



107, 208, 255



121, 180, 235



106, 114, 117



0, 124, 181



0, 37, 54

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



235, 121, 182



255, 107, 187



235, 121, 127



117, 106, 112



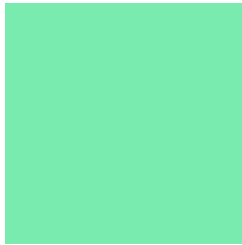
181, 0, 97



54, 0, 29

Previews

White Background



This preview shows how the RYB color 121, 199, 235 looks on a white background.

Color Contrast Check

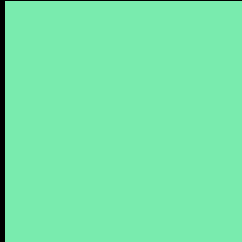
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 121, 199, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 121, 199, 235 Background



This preview shows how black text looks on a background with the RYB color 121, 199, 235.

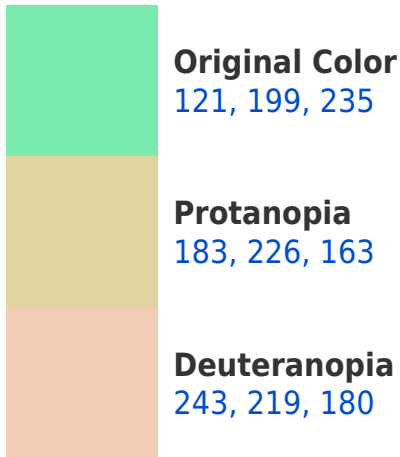



This preview shows how white text looks on a background with the RYB color 121, 199, 235.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
139, 187, 244

Trichromacy



Original Color

121, 199, 235



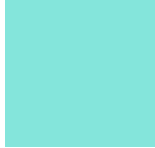
Protanomaly

167, 220, 199



Deuteranomaly

178, 215, 194



Tritanomaly

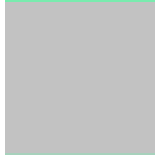
132, 183, 229

Monochromacy



Original Color

121, 199, 235



Achromatopsia

194, 194, 194



Achromatomaly

167, 195, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 199, 235 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(121, 235, 174)` looks like.

```
.text, #text, p{  
    color:rgb(121, 235, 174)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(121, 235, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 235, 174) }
```

Border

The CSS property to change the border of an element to RYB 121, 199, 235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(121, 235, 174) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(121, 235, 174) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(121, 235, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 235, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 235, 174);  
box-shadow:4px 4px 4px 4px rgb(121, 235,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 121, 199, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 235, 174) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(121,  
235, 174) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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